

WA 2917
7/10/95
14F

July 10, 1995

Ms. Christy Brown
EPA Project Coordinator
U.S. EPA
1200 Sixth Avenue, M/S HW-106
Seattle, WA 98101

Ms. Brown:

Following is the Bimonthly Progress Report required by the 3008(h) Order for RFI activities completed at the Philip Environmental Inc. (dba Burlington Environmental Inc.) Pier 91 Facility for the months of May and June 1995.

Description of Work Completed

- Water and product levels were measured in wells once each month.
- Received and validated first quarter 1995 groundwater monitoring data (enclosed).
- Continued efforts to gain Port of Seattle permission to install LNAPL recovery system.
- Submitted a request to modify the frequency of groundwater quality sampling and type of analytes sampled, and to reduce the frequency of water level elevation measurements.

Summary of All Findings

- No significant findings occurred during this period.

Projected Work for Next Reporting Period

- Water and product levels will be measured monthly.
- Receive and validate second quarter 1995 groundwater monitoring data.
- Complete third quarter 1995 groundwater sampling in July.
- Continue efforts to install the Interim Measures LNAPL recovery system.

If you have any questions, please contact me at (206) 227-6121.

Respectfully,


John Stiller
Project Coordinator

cc: Galen Tritt, Ecology NWRO



VOCs in Groundwater
 Pier 91 Facility
 1st Quarter 1995

SITE	DATE	Chloromethane (ug/l)	Bromomethane (ug/l)	Vinyl chloride (ug/l)	Chloroethane (ug/l)	Methylene chloride (ug/l)	Acetone (ug/l)	Carbon disulfide (ug/l)	1,1-DCE (ug/l)
CP-103A	01/11/95	<1	<1	<1	30	<5	<5	<1	<1
CP-103B	01/11/95	<1	<1	<1	<1	<5	<5	<1	<1
CP-104A	01/12/95	<1	<1	<1	<1	<5	<5	<1	<1
CP-104B	01/12/95	<1	<1	<1	<1	<5	<5	<1	<1
CP-105A	01/13/95	<1	<1	<1	<1	<5	<5	<1	<1
CP-105B	01/13/95	<1	<1	<1	<1	<5	<5	<1	<1
CP-106A	01/13/95	<1	<1	<1	<1	<5	<5	<1	<1
CP-106B	01/13/95	<1	<1	<1	<1	<5	<5	<1	<1
CP-107	01/12/95	<1	<1	<1	21	<5	<5	<1	<1
CP-108A	01/11/95	<1	<1	<1	<1	<5	<5	<1	<1
CP-108B	01/11/95	<1	<1	<1	<1	<5	<5	<1	<1
CP-109	01/10/95	<1	<1	<1	31	<5	<5	<1	<1
CP-110	01/11/95	<1	<1	<1	<1	<5	<5	<1	<1
CP-111	01/11/95	<1	<1	<1	5	<5	<5	<1	<1
CP-112	01/12/95	<1	<1	<1	<1	<5	<5	<1	<1
CP-113	01/12/95	<1	<1	4	<1	<5	<5	1	<1
CP-114	01/13/95	<1	<1	<1	<1	<5	<5	<1	<1
CP-115A	01/16/95	<1	<1	<1	<1	<5	<5	<1	<1
CP-115B	01/16/95	<1	<1	<1	<1	<5	<5	<1	<1
CP-116	01/16/95	<1	<1	2	<1	<5	<5	<1	<1
CP-117	01/16/95	<1	<1	52	160	<5	<5	<1	<1
CP-118	01/10/95	<1	<1	2	13	<5	<5	<1	<1
CP-119	01/10/95	<1	<1	2	60	<5	17	<1	<1
CP-121	01/16/95	<1	<1	<1	<1	<5	<5	1	<1
CP-122B	01/10/95	<1	<1	<1	<1	<5	<5	<1	<1
MW-39-3	01/12/95	<1	<1	<1	32	<5	<5	<1	<1
W-10	01/11/95	<1	<1	<1	<1	<5	<5	<1	<1

Values represent total concentrations unless noted < = Not detected at indicated reporting limit --- = Not analyzed

VOCs in Groundwater
 Pier 91 Facility
 1st Quarter 1995

SITE	DATE	1,1-DCA (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	Chloroform (ug/l)	Dichloro difluoromethane (ug/l)	Trichloro fluoromethane (ug/l)	1,1,2-Trichloro trifluoroethane (ug/l)	1,2-DCA (ug/l)
CP-103A	01/11/95	<1	<1	<1	<1	<1	<1	<5	<1
CP-103B	01/11/95	<1	<1	<1	<1	<1	<1	<5	<1
CP-104A	01/12/95	7	2	<1	<1	3	<1	<5	<1
CP-104B	01/12/95	5	<1	<1	<1	<1	<1	<5	<1
CP-105A	01/13/95	<1	<1	<1	<1	<1	<1	<5	<1
CP-105B	01/13/95	<1	<1	<1	<1	<1	<1	<5	<1
CP-106A	01/13/95	<1	3	1	<1	<1	<1	<5	<1
CP-106B	01/13/95	<1	<1	<1	<1	<1	<1	<5	<1
CP-107	01/12/95	3	<1	<1	<1	6	<1	<5	<1
CP-108A	01/11/95	<1	<1	<1	<1	<1	<1	<5	<1
CP-108B	01/11/95	<1	<1	<1	<1	<1	<1	<5	<1
CP-109	01/10/95	2	<1	<1	<1	<1	<1	<5	<1
CP-110	01/11/95	<1	<1	<1	<1	<1	<1	<5	<1
CP-111	01/11/95	<1	<1	<1	<1	<1	<1	<5	<1
CP-112	01/12/95	<1	<1	<1	<1	<1	<1	<5	<1
CP-113	01/12/95	2	5	<1	<1	<1	<1	<5	<1
CP-114	01/13/95	<1	<1	<1	<1	<1	<1	<5	<1
CP-115A	01/16/95	<1	<1	<1	<1	<1	<1	<5	<1
CP-115B	01/16/95	<1	<1	<1	<1	<1	<1	<5	<1
CP-116	01/16/95	22	1	<1	<1	<1	<1	<5	<1
CP-117	01/16/95	100	79	2	<1	<1	<1	<5	<1
CP-118	01/10/95	4	<1	<1	<1	<1	<1	<5	<1
CP-119	01/10/95	31	3	<1	<1	<1	<1	<5	<1
CP-121	01/16/95	<1	<1	<1	<1	<1	<1	<5	<1
CP-122B	01/10/95	<1	<1	<1	<1	<1	<1	<5	<1
MW-39-3	01/12/95	6	1	<1	<1	6	<1	<5	<1
W-10	01/11/95	<1	<1	<1	<1	<1	<1	<5	<1

Values represent total concentrations unless noted < = Not detected at indicated reporting limit --- = Not analyzed

VOCs in Groundwater
 Pier 91 Facility
 1st Quarter 1995

SITE	DATE	2-Butanone (ug/l)	1,1,1-TCA (ug/l)	Carbon tetrachloride (ug/l)	Vinyl acetate (ug/l)	Bromodichloro methane (ug/l)	1,2-Dichloro propane (ug/l)	cis-1,3- Dichloropropene (ug/l)	Trans-1,3- Dichloropropene (ug/l)
CP-103A	01/11/95	<5	<1	<1	<5	<1	<1	<1	<1
CP-103B	01/11/95	<5	<1	<1	<5	<1	<1	<1	<1
CP-104A	01/12/95	12	<1	<1	<5	<1	<1	<1	<1
CP-104B	01/12/95	<5	<1	<1	<5	<1	<1	<1	<1
CP-105A	01/13/95	<5	<1	<1	<5	<1	<1	<1	<1
CP-105B	01/13/95	<5	<1	<1	<5	<1	<1	<1	<1
CP-106A	01/13/95	<5	<1	<1	<5	<1	<1	<1	<1
CP-106B	01/13/95	<5	<1	<1	<5	<1	<1	<1	<1
CP-107	01/12/95	<5	<1	<1	<5	<1	<1	<1	<1
CP-108A	01/11/95	<5	<1	<1	<5	<1	<1	<1	<1
CP-108B	01/11/95	<5	<1	<1	<5	<1	<1	<1	<1
CP-109	01/10/95	<5	<1	<1	<5	<1	<1	<1	<1
CP-110	01/11/95	<5	<1	<1	<5	<1	<1	<1	<1
CP-111	01/11/95	<5	<1	<1	<5	<1	<1	<1	<1
CP-112	01/12/95	<5	<1	<1	<5	<1	<1	<1	<1
CP-113	01/12/95	<5	<1	<1	<5	<1	<1	<1	<1
CP-114	01/13/95	<5	<1	<1	<5	<1	<1	<1	<1
CP-115A	01/16/95	<5	<1	<1	<5	<1	<1	<1	<1
CP-115B	01/16/95	<5	<1	<1	<5	<1	<1	<1	<1
CP-116	01/16/95	<5	<1	<1	<5	<1	<1	<1	<1
CP-117	01/16/95	<5	2	<1	<5	<1	<1	<1	<1
CP-118	01/10/95	<5	<1	<1	<5	<1	<1	<1	<1
CP-119	01/10/95	<5	<1	<1	<5	<1	<1	<1	<1
CP-121	01/16/95	<5	<1	<1	<5	<1	<1	<1	<1
CP-122B	01/10/95	<5	<1	<1	<5	<1	<1	<1	<1
MW-39-3	01/12/95	<5	<1	<1	<5	<1	<1	<1	<1
W-10	01/11/95	<5	<1	<1	<5	<1	<1	<1	<1

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VOCs in Groundwater
 Pier 91 Facility
 1st Quarter 1995

SITE	DATE	TCE (ug/l)	Dibromochloro methane (ug/l)	1,1,2-TCA (ug/l)	Benzene (ug/l)	2-Chloroethyl vinyl ether (ug/l)	Bromoform (ug/l)	4-Methyl-2- pentanone (ug/l)	2-Hexanone (ug/l)
CP-103A	01/11/95	<2	<1	<1	16	<1	<1	<5	<5
CP-103B	01/11/95	<2	<1	<1	<1	<1	<1	<5	<5
CP-104A	01/12/95	<2	<1	<1	<1	<1	<1	<5	<5
CP-104B	01/12/95	<2	<1	<1	<1	<1	<1	<5	<5
CP-105A	01/13/95	<2	<1	<1	<1	<1	<1	<5	<5
CP-105B	01/13/95	<2	<1	<1	<1	<1	<1	<5	<5
CP-106A	01/13/95	<2	<1	<1	<1	<1	<1	<5	<5
CP-106B	01/13/95	<2	<1	<1	<1	<1	<1	<5	<5
CP-107	01/12/95	<2	<1	<1	3	<1	<1	<5	<5
CP-108A	01/11/95	<2	<1	<1	<1	<1	<1	<5	<5
CP-108B	01/11/95	<2	<1	<1	<1	<1	<1	<5	<5
CP-109	01/10/95	<2	<1	<1	13	<1	<1	<5	<5
CP-110	01/11/95	<2	<1	<1	3	<1	<1	<5	<5
CP-111	01/11/95	<2	<1	<1	<1	<1	<1	<5	<5
CP-112	01/12/95	<2	<1	<1	1	<1	<1	<5	<5
CP-113	01/12/95	<2	<1	<1	1	<1	<1	<5	<5
CP-114	01/13/95	<2	<1	<1	<1	<1	<1	<5	<5
CP-115A	01/16/95	<2	<1	<1	<1	<1	<1	<5	<5
CP-115B	01/16/95	<2	<1	<1	<1	<1	<1	<5	<5
CP-116	01/16/95	<2	<1	<1	22	<1	<1	<5	<5
CP-117	01/16/95	7	<1	<1	36	<1	<1	50	<5
CP-118	01/10/95	<2	<1	<1	23	<1	<1	<5	<5
CP-119	01/10/95	3	<1	<1	29	<1	<1	<5	<5
CP-121	01/16/95	<2	<1	<1	<1	<1	<1	<5	<5
CP-122B	01/10/95	<2	<1	<1	<1	<1	<1	<5	<5
MW-39-3	01/12/95	<2	<1	<1	5	<1	<1	<5	<5
W-10	01/11/95	<2	<1	<1	9	<1	<1	<5	<5

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VOCs in Groundwater
 Pier 91 Facility
 1st Quarter 1995

SITE	DATE	PCE (ug/l)	1,1,2,2-PCA (ug/l)	Toluene (ug/l)	Chlorobenzene (ug/l)	Ethylbenzene (ug/l)	Styrene (ug/l)	Naphthalene (ug/l)	o-Xylene (ug/l)
CP-103A	01/11/95	<1	<3	<2	<1	<1	<1	<5	1
CP-103B	01/11/95	<1	<3	<2	<1	<1	<1	<5	<1
CP-104A	01/12/95	<1	<3	<2	<1	<1	<1	<5	2
CP-104B	01/12/95	<1	<3	<2	<1	<1	<1	<5	<1
CP-105A	01/13/95	<1	<3	<2	<1	<1	<1	<5	<1
CP-105B	01/13/95	<1	<3	<2	<1	<1	<1	<5	<1
CP-106A	01/13/95	<1	<3	<2	<1	<1	<1	<5	<1
CP-106B	01/13/95	<1	<3	<2	<1	<1	<1	<5	<1
CP-107	01/12/95	<1	<3	<2	<1	<1	<1	<5	2
CP-108A	01/11/95	<1	<3	<2	<1	<1	<1	<5	<1
CP-108B	01/11/95	<1	<3	<2	<1	<1	<1	<5	<1
CP-109	01/10/95	<1	<3	<2	<1	<1	<1	<5	<1
CP-110	01/11/95	<1	<3	<2	<1	<1	<1	<5	<1
CP-111	01/11/95	<1	<3	<2	<1	<1	<1	<5	<1
CP-112	01/12/95	<1	<3	<2	<1	<1	<1	<5	<1
CP-113	01/12/95	<1	<3	<2	<1	<1	<1	<5	<1
CP-114	01/13/95	<1	<3	<2	<1	<1	<1	<5	<1
CP-115A	01/16/95	<1	<3	<2	<1	1	<1	<5	<1
CP-115B	01/16/95	<1	<3	<2	<1	<1	<1	<5	<1
CP-116	01/16/95	<1	5	7	<1	14	<1	64	36
CP-117	01/16/95	8	<3	9600 D	<1	9900 D	<1	92	7800 D
CP-118	01/10/95	<1	31	<2	<1	9	<1	110	19
CP-119	01/10/95	<1	<3	39	2	8	<1	13	38
CP-121	01/16/95	<1	<3	<2	<1	<1	<1	<5	<1
CP-122B	01/10/95	<1	<3	<2	<1	1	<1	15	2
MW-39-3	01/12/95	<1	<3	<2	<1	<1	<1	24	29
W-10	01/11/95	<1	<3	3	<1	3	<1	8	<1

Values represent total concentrations unless noted < = Not detected at indicated reporting limit --- = Not analyzed

VOCs in Groundwater
 Pier 91 Facility
 1st Quarter 1995

SITE	DATE	m-Xylene (ug/l)	p-Xylene (ug/l)	1,2-Dichloro benzene (ug/l)	1,3-Dichloro benzene (ug/l)	1,4-Dichloro benzene (ug/l)	Xylene (total) (ug/l)	1,2-DCE (Total) (ug/l)
CP-103A	01/11/95	<1	<1	<1	<1	<1	---	---
CP-103B	01/11/95	<1	<1	<1	<1	<1	---	---
CP-104A	01/12/95	1	1	<1	<1	<1	---	---
CP-104B	01/12/95	<1	<1	<1	<1	<1	---	---
CP-105A	01/13/95	<1	<1	<1	<1	<1	---	---
CP-105B	01/13/95	<1	<1	<1	<1	<1	---	---
CP-106A	01/13/95	<1	<1	<1	<1	<1	---	---
CP-106B	01/13/95	<1	<1	<1	<1	<1	---	---
CP-107	01/12/95	2	2	<1	2	2	---	---
CP-108A	01/11/95	<1	<1	<1	<1	<1	---	---
CP-108B	01/11/95	<1	<1	<1	<1	<1	---	---
CP-109	01/10/95	<1	<1	<1	<1	<1	---	---
CP-110	01/11/95	<1	<1	<1	<1	<1	---	---
CP-111	01/11/95	<1	<1	<1	<1	<1	---	---
CP-112	01/12/95	<1	<1	<1	<1	<1	---	---
CP-113	01/12/95	<1	<1	<1	<1	<1	---	---
CP-114	01/13/95	<1	<1	<1	<1	<1	---	---
CP-115A	01/16/95	1	1	<1	<1	<1	---	---
CP-115B	01/16/95	<1	<1	<1	<1	<1	---	---
CP-116	01/16/95	25	25	18	1	2	---	---
CP-117	01/16/95	9000 D	9000 D	3	<1	<1	---	---
CP-118	01/10/95	12	12	2	<1	<1	---	---
CP-119	01/10/95	28	28	2	<1	<1	---	---
CP-121	01/16/95	<1	<1	<1	<1	<1	---	---
CP-122B	01/10/95	<1	<1	<1	<1	<1	---	---
MW-39-3	01/12/95	8	8	2	1	1	---	---
W-10	01/11/95	<1	<1	<1	<1	<1	---	---

Values represent total concentrations unless noted < = Not detected at indicated reporting limit --- = Not analyzed

SVOCs in Groundwater
Pier 91 Facility
1st Quarter 1995

SITE	DATE	Phenol (ug/l)	Aniline (ug/l)	Bis(2-chloro ethyl)ether (ug/l)	2-Chlorophenol (ug/l)	1,3-Dichloro benzene (ug/l)	1,4-Dichloro benzene (ug/l)	Benzyl alcohol (ug/l)	1,2-Dichloro benzene (ug/l)
CP-103A	01/11/95	<2	<10	<2	<2	<2	<2	<2	<2
CP-103B	01/11/95	<1	<5	<1	<1	<1	<1	<1	<1
CP-104A	01/12/95	<1	<5	<1	<1	<1	<1	<1	<1
CP-104B	01/12/95	<1	<5	<1	<1	<1	<1	<1	<1
CP-105A	01/13/95	<1	<5	<1	<1	<1	<1	<1	<1
CP-105B	01/13/95	<1	<5	<1	<1	<1	<1	<1	<1
CP-106A	01/13/95	<1	<5	<1	<1	<1	<1	<1	<1
CP-106B	01/13/95	<1	<5	<1	<1	<1	<1	<1	<1
CP-107	01/12/95	<1	<5	<1	<1	1	1	<1	<1
CP-108A	01/11/95	<1	<5	<1	<1	<1	<1	<1	<1
CP-108B	01/11/95	<2	<10	<2	<2	<2	<2	<2	<2
CP-109	01/10/95	<2	<10	<2	<2	<2	<2	<2	<2
CP-110	01/11/95	<1	<5	<1	<1	<1	<1	<1	<1
CP-111	01/11/95	<1	<5	<1	<1	<1	<1	<1	<1
CP-112	01/12/95	<1	<5	<1	<1	<1	<1	<1	<1
CP-113	01/12/95	<1	<5	<1	<1	<1	<1	<1	<1
CP-114	01/13/95	<1	<5	<1	<1	<1	<1	<1	<1
CP-115A	01/16/95	<1	<5	<1	<1	<1	<1	<1	<1
CP-115B	01/16/95	<1	<5	<1	<1	<1	<1	<1	<1
CP-116	01/16/95	<5	<25	<5	<5	<5	<5	<5	9
CP-117	01/16/95	280	<50	<10	<10	<10	<10	<10	(4) J
CP-118	01/10/95	<2	<10	<2	<2	<2	<2	<2	<2
CP-119	01/10/95	<2	<10	<2	<2	<2	<2	<2	<2
CP-121	01/16/95	<1	<5	<1	<1	<1	<1	<1	<1
CP-122B	01/10/95	<1	<5	<1	<1	<1	<1	<1	<1
MW-39-3	01/12/95	<5	<25	<5	<5	<5	<5	<5	<5
W-10	01/11/95	<2	<10	<2	<2	<2	<2	<2	<2

Values represent total concentrations unless noted < = Not detected at indicated reporting limit --- = Not analyzed

(-) = Less than Detection Limit

For RCL 8270 LAUCK

SVOCs in Groundwater
Pier 91 Facility
1st Quarter 1995

SITE	DATE	2-Methylphenol (ug/l)	Bis(2-chloroisopropyl)ether (ug/l)	4-Methylphenol (ug/l)	N-Nitroso-di-n-propylamine (ug/l)	Hexachloroethane (ug/l)	Nitrobenzene (ug/l)	Isophorone (ug/l)	2-Nitrophenol (ug/l)
CP-103A	01/11/95	<2	<2	<2	<2	<4	<2	<2	<4
CP-103B	01/11/95	<1	<1	<1	<1	<2	<1	<1	<2
CP-104A	01/12/95	<1	<1	<1	<1	<2	<1	<1	<2
CP-104B	01/12/95	<1	<1	<1	<1	<2	<1	<1	<2
CP-105A	01/13/95	<1	<1	<1	<1	<2	<1	<1	<2
CP-105B	01/13/95	<1	<1	<1	<1	<2	<1	<1	<2
CP-106A	01/13/95	<1	<1	<1	<1	<2	<1	<1	<2
CP-106B	01/13/95	<1	<1	<1	<1	<2	<1	<1	<2
CP-107	01/12/95	<1	<1	<1	<1	<2	<1	<1	<2
CP-108A	01/11/95	<1	<1	<1	<1	<2	<1	<1	<2
CP-108B	01/11/95	<2	<2	<2	<2	<4	<2	<2	<4
CP-109	01/10/95	<2	<2	<2	<2	<4	<2	<2	<4
CP-110	01/11/95	<1	<1	<1	<1	<2	<1	<1	<2
CP-111	01/11/95	<1	<1	<1	<1	<2	<1	<1	<2
CP-112	01/12/95	<1	<1	<1	<1	<2	<1	<1	<2
CP-113	01/12/95	<1	<1	<1	<1	<2	<1	<1	<2
CP-114	01/13/95	<1	<1	<1	<1	<2	<1	<1	<2
CP-115A	01/16/95	<1	<1	<1	<1	<2	<1	<1	<2
CP-115B	01/16/95	<1	<1	<1	<1	<2	<1	<1	<2
CP-116	01/16/95	<5	<5	<5	<5	<10	<5	<5	<10
CP-117	01/16/95	62	<10	140	<10	<20	<10	<10	<20
CP-118	01/10/95	<2	<2	<2	<2	<4	<2	<2	<4
CP-119	01/10/95	<2	<2	<2	<2	<4	<2	<2	<4
CP-121	01/16/95	<1	<1	<1	<1	<2	<1	<1	<2
CP-122B	01/10/95	<1	<1	<1	<1	<2	<1	<1	<2
MW-39-3	01/12/95	<5	<5	<5	<5	<10	<5	<5	<10
W-10	01/11/95	<2	<2	<2	<2	<4	<2	<2	<4

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SVOCs in Groundwater
Pier 91 Facility
1st Quarter 1995

SITE	DATE	2,4-Dimethyl phenol (ug/l)	Benzoic acid (ug/l)	Bis(2-chloro ethoxy) methane (ug/l)	2,4-Dichloro phenol (ug/l)	1,2,4-Trichloro benzene (ug/l)	Naphthalene (ug/l)	4-Chloroaniline (ug/l)	Hexachloro butadiene (ug/l)
CP-103A	01/11/95	<2	<50	<2	<4	<2	<2	<2	<2
CP-103B	01/11/95	<1	<25	<1	<2	<1	<1	<1	<1
CP-104A	01/12/95	<1	<25	<1	<2	<1	1	<1	<1
CP-104B	01/12/95	<1	<25	<1	<2	<1	<1	<1	<1
CP-105A	01/13/95	<1	<25	<1	<2	<1	<1	<1	<1
CP-105B	01/13/95	<1	<25	<1	<2	<1	<1	<1	<1
CP-106A	01/13/95	<1	<25	<1	<2	<1	2	<1	<1
CP-106B	01/13/95	<1	<25	<1	<2	<1	<1	<1	<1
CP-107	01/12/95	<1	<25	<1	<2	<1	<1	<1	<1
CP-108A	01/11/95	<1	<25	<1	<2	<1	<1	<1	<1
CP-108B	01/11/95	<2	<50	<2	<4	<2	<2	<2	<2
CP-109	01/10/95	<2	<50	<2	<4	<2	2	<2	<2
CP-110	01/11/95	<1	<25	<1	<2	<1	<1	<1	<1
CP-111	01/11/95	<1	<25	<1	<2	<1	<1	<1	<1
CP-112	01/12/95	<1	<25	<1	<2	<1	<1	<1	<1
CP-113	01/12/95	<1	<25	<1	<2	<1	<1	<1	<1
CP-114	01/13/95	<1	<25	<1	<2	<1	<1	<1	<1
CP-115A	01/16/95	<1	<25	<1	<2	<1	1	<1	<1
CP-115B	01/16/95	<1	<25	<1	<2	<1	<1	<1	<1
CP-116	01/16/95	42	<120	<5	<10	<5	31	<5	<5
CP-117	01/16/95	490	<250	<10	<20	<10	93	<10	<10
CP-118	01/10/95	8	<50	<2	<4	<2	38	<2	<2
CP-119	01/10/95	49	<50	<2	<4	<2	78	<2	<2
CP-121	01/16/95	<1	<25	<1	<2	<1	<1	<1	<1
CP-122B	01/10/95	<1	<25	<1	<2	<1	<1	<1	<1
MW-39-3	01/12/95	<5	<120	<5	<10	<5	38	<5	<5
W-10	01/11/95	<2	<50	<2	<4	<2	8	<2	<2

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SVOCs in Groundwater
Pier 91 Facility
1st Quarter 1995

SITE	DATE	4-Chloro-3-methylphenol (ug/l)	2-Methyl naphthalene (ug/l)	Hexachloro cyclopentadiene (ug/l)	2,4,6-Trichloro phenol (ug/l)	2,4,5-Trichloro phenol (ug/l)	2-Chloro naphthalene (ug/l)	2-Nitroaniline (ug/l)	Dimethyl phthalate (ug/l)
CP-103A	01/11/95	<4	<2	<4	<4	<4	<2	<4	<2
CP-103B	01/11/95	<2	<1	<2	<2	<2	<1	<2	<1
CP-104A	01/12/95	<2	<1	<2	<2	<2	<1	<2	<1
CP-104B	01/12/95	<2	<1	<2	<2	<2	<1	<2	<1
CP-105A	01/13/95	<2	<1	<2	<2	<2	<1	<2	<1
CP-105B	01/13/95	<2	<1	<2	<2	<2	<1	<2	<1
CP-106A	01/13/95	<2	<1	<2	<2	<2	<1	<2	<1
CP-106B	01/13/95	<2	<1	<2	<2	<2	<1	<2	<1
CP-107	01/12/95	<2	<1	<2	<2	<2	<1	<2	<1
CP-108A	01/11/95	<2	<1	<2	<2	<2	<1	<2	<1
CP-108B	01/11/95	<4	<2	<4	<4	<4	<2	<4	<2
CP-109	01/10/95	<4	81	<4	<4	<4	<2	<4	<2
CP-110	01/11/95	<2	17	<2	<2	<2	<1	<2	<1
CP-111	01/11/95	<2	<1	<2	<2	<2	<1	<2	<1
CP-112	01/12/95	<2	<1	<2	<2	<2	<1	<2	<1
CP-113	01/12/95	<2	<1	<2	<2	<2	<1	<2	<1
CP-114	01/13/95	<2	<1	<2	<2	<2	<1	<2	<1
CP-115A	01/16/95	10	<1	<2	<2	<2	<1	<2	<1
CP-115B	01/16/95	<2	<1	<2	<2	<2	<1	<2	<1
CP-116	01/16/95	260	37	<10	<10	<10	<5	<10	<5
CP-117	01/16/95	<20	140	<20	<20	<20	<10	<20	<10
CP-118	01/10/95	220 D	130	<4	<4	<4	<2	<4	<2
CP-119	01/10/95	<4	110	<4	<4	<4	<2	<4	<2
CP-121	01/16/95	<2	<1	<2	<2	<2	<1	<2	<1
CP-122B	01/10/95	<2	<1	<2	<2	<2	<1	<2	<1
MW-39-3	01/12/95	<10	240	<10	<10	<10	<5	<10	<5
W-10	01/11/95	<4	23	<4	<4	<4	<2	<4	<2

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SVOCs in Groundwater
Pier 91 Facility
1st Quarter 1995

SITE	DATE	Acenaphthylene (ug/l)	2,6-Dinitro toluene (ug/l)	3-Nitroaniline (ug/l)	Acenaphthene (ug/l)	2,4-Dinitro phenol (ug/l)	4-Nitrophenol (ug/l)	Dibenzofuran (ug/l)	2,4-Dinitro toluene (ug/l)
CP-103A	01/11/95	<2	<4	<10	2	<20	<20	<2	<4
CP-103B	01/11/95	<1	<2	<5	<1	<10	<10	<1	<2
CP-104A	01/12/95	<1	<2	<5	42	<10	<10	<1	<2
CP-104B	01/12/95	<1	<2	<5	<1	<10	<10	<1	<2
CP-105A	01/13/95	<1	<2	<5	<1	<10	<10	<1	<2
CP-105B	01/13/95	<1	<2	<5	<1	<10	<10	<1	<2
CP-106A	01/13/95	<1	<2	<5	1	<10	<10	1	<2
CP-106B	01/13/95	<1	<2	<5	<1	<10	<10	<1	<2
CP-107	01/12/95	<1	<2	<5	5	<10	<10	1	<2
CP-108A	01/11/95	<1	<2	<5	1	<10	<10	2	<2
CP-108B	01/11/95	<2	<4	<10	<2	<20	<20	<2	<4
CP-109	01/10/95	<2	<4	<10	2	<20	<20	2	<4
CP-110	01/11/95	<1	<2	<5	4	<10	<10	<1	<2
CP-111	01/11/95	<1	<2	<5	1	<10	<10	<1	<2
CP-112	01/12/95	<1	<2	<5	5	<10	<10	<1	<2
CP-113	01/12/95	<1	<2	<5	1	<10	<10	<1	<2
CP-114	01/13/95	<1	<2	<5	<1	<10	<10	<1	<2
CP-115A	01/16/95	<1	<2	<5	1	<10	<10	<1	<2
CP-115B	01/16/95	<1	<2	<5	<1	<10	<10	<1	<2
CP-116	01/16/95	<5	<10	<25	6	<50	<50	(4) J	<10
CP-117	01/16/95	<10	<20	<50	11	<100	<100	(6) J	<20
CP-118	01/10/95	<2	<4	<10	6	<20	<20	5	<4
CP-119	01/10/95	<2	<4	<10	7	<20	<20	<2	<4
CP-121	01/16/95	<1	<2	<5	<1	<10	<10	<1	<2
CP-122B	01/10/95	<1	<2	<5	<1	<10	<10	<1	<2
MW-39-3	01/12/95	<5	<10	<25	29	<50	<50	14	<10
W-10	01/11/95	<2	<4	<10	2	<20	<20	3	<4

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(-) = Less than Detection Limit

For RCL 8270 LAUCK

SVOCs in Groundwater
Pier 91 Facility
1st Quarter 1995

SITE	DATE	Diethylphthalat (ug/l)	4-Chlorophenyl phenyl ether (ug/l)	Fluorene (ug/l)	4-Nitroaniline (ug/l)	4,6-Dinitro- 2-methylphenol (ug/l)	N-Nitroso diphenylamine (ug/l)	1,2-Diphenyl hydrazine (ug/l)	4-Bromophenyl phenyl ether (ug/l)
CP-103A	01/11/95	<2	<2	6	<4	<20	<2	<4	<4
CP-103B	01/11/95	<1	<1	<1	<2	<10	<1	<2	<2
CP-104A	01/12/95	<1	<1	23	<2	<10	<1	<2	<2
CP-104B	01/12/95	<1	<1	<1	<2	<10	<1	<2	<2
CP-105A	01/13/95	<1	<1	<1	<2	<10	<1	<2	<2
CP-105B	01/13/95	<1	<1	<1	<2	<10	<1	<2	<2
CP-106A	01/13/95	<1	<1	1	<2	<10	<1	<2	<2
CP-106B	01/13/95	1	<1	<1	<2	<10	<1	<2	<2
CP-107	01/12/95	<1	<1	8	<2	<10	<1	<2	<2
CP-108A	01/11/95	<1	<1	3	<2	<10	<1	<2	<2
CP-108B	01/11/95	<2	<2	<2	<4	<20	<2	<4	<4
CP-109	01/10/95	<2	<2	5	<4	<20	<2	<4	<4
CP-110	01/11/95	<1	<1	10	<2	<10	<1	<2	<2
CP-111	01/11/95	<1	<1	1	<2	<10	<1	<2	<2
CP-112	01/12/95	<1	<1	<1	<2	<10	<1	<2	<2
CP-113	01/12/95	<1	<1	1	<2	<10	<1	<2	<2
CP-114	01/13/95	<1	<1	<1	<2	<10	<1	<2	<2
CP-115A	01/16/95	<1	<1	1	<2	<10	<1	<2	<2
CP-115B	01/16/95	<1	<1	<1	<2	<10	<1	<2	<2
CP-116	01/16/95	<5	<5	7	<10	<50	<5	<10	<10
CP-117	01/16/95	<10	<10	16	<20	<100	<10	<20	<20
CP-118	01/10/95	<2	<2	10	<4	<20	<2	<4	<4
CP-119	01/10/95	<2	<2	10	<4	<20	<2	<4	<4
CP-121	01/16/95	<1	<1	<1	<2	<10	<1	<2	<2
CP-122B	01/10/95	<1	<1	<1	<2	<10	<1	<2	<2
MW-39-3	01/12/95	<5	<5	42	<10	<50	<5	<10	<10
W-10	01/11/95	<2	<2	5	<4	<20	<2	<4	<4

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SVOCs in Groundwater
Pier 91 Facility
1st Quarter 1995

SITE	DATE	Hexachloro benzene (ug/l)	Pentachloro phenol (ug/l)	Phenanthrene (ug/l)	Anthracene (ug/l)	Carbazole (ug/l)	Di-n-butyl phthalate (ug/l)	Fluoranthene (ug/l)	Pyrene (ug/l)
CP-103A	01/11/95	<4	<20	(1) J	<2	<2	<2	<2	<2
CP-103B	01/11/95	<2	<10	<1	<1	<1	<1	<1	<1
CP-104A	01/12/95	<2	<10	3	1	<1	<1	1	1
CP-104B	01/12/95	<2	<10	<1	<1	<1	<1	<1	<1
CP-105A	01/13/95	<2	<10	<1	<1	<1	<1	<1	<1
CP-105B	01/13/95	<2	<10	<1	<1	<1	<1	<1	<1
CP-106A	01/13/95	<2	<10	1	1	<1	1	1	1
CP-106B	01/13/95	<2	<10	<1	<1	<1	<1	<1	<1
CP-107	01/12/95	<2	<10	3	<1	<1	<1	1	1
CP-108A	01/11/95	<2	<10	<1	<1	<1	<1	<1	<1
CP-108B	01/11/95	<4	<20	<2	<2	<2	<2	<2	<2
CP-109	01/10/95	<4	<20	3	<2	(1) J	<2	<2	(1) J
CP-110	01/11/95	<2	<10	8	<1	<1	<1	1	1
CP-111	01/11/95	<2	<10	<1	<1	<1	<1	<1	<1
CP-112	01/12/95	<2	<10	<1	<1	<1	1	<1	<1
CP-113	01/12/95	<2	<10	1	<1	<1	<1	<1	<1
CP-114	01/13/95	<2	<10	<1	<1	<1	1	<1	<1
CP-115A	01/16/95	<2	<10	<1	<1	<1	<1	<1	1
CP-115B	01/16/95	<2	<10	<1	<1	<1	<1	<1	<1
CP-116	01/16/95	<10	<50	6	<5	<5	<5	(2) J	(2) J
CP-117	01/16/95	<20	<100	27	<10	<10	<10	<10	(6) J
CP-118	01/10/95	<4	<20	11	<2	5	<2	<2	<2
CP-119	01/10/95	<4	<20	18	<2	4	<2	<2	2
CP-121	01/16/95	<2	<10	<1	<1	<1	1	<1	<1
CP-122B	01/10/95	<2	<10	<1	<1	<1	1	<1	<1
MW-39-3	01/12/95	<10	<50	63	<5	<5	<5	10	9
W-10	01/11/95	<4	<20	4	<2	2	<2	<2	(1) J

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For RCL 8270 LAUCK

SVOCs in Groundwater
Pier 91 Facility
1st Quarter 1995

SITE	DATE	Benzidine (ug/l)	Butyl benzyl phthalate (ug/l)	3,3'-Dichloro benzidine (ug/l)	Benzo(a) anthracene (ug/l)	Chrysene (ug/l)	bis(2-Ethyl hexyl)phthalate (ug/l)	Di-n-octyl phthalate (ug/l)	Benzo(b) fluoranthene (ug/l)
CP-103A	01/11/95	<50	<2	<20	<2	<2	<2	<2	<2
CP-103B	01/11/95	<25	<1	<10	<1	<1	1	<1	<1
CP-104A	01/12/95	<25	<1	<10	<1	<1	<1	<1	<1
CP-104B	01/12/95	<25	<1	<10	<1	<1	<1	<1	<1
CP-105A	01/13/95	<25	<1	<10	<1	<1	<1	<1	<1
CP-105B	01/13/95	<25	<1	<10	<1	<1	<1	<1	<1
CP-106A	01/13/95	<25	<1	<10	<1	<1	1	<1	<1
CP-106B	01/13/95	<25	<1	<10	<1	<1	<1	<1	<1
CP-107	01/12/95	<25	<1	<10	<1	<1	1	<1	<1
CP-108A	01/11/95	<25	<1	<10	<1	<1	<1	<1	<1
CP-108B	01/11/95	<50	<2	<20	<2	<2	<2	<2	<2
CP-109	01/10/95	<50	<2	<20	<2	<2	<2	<2	<2
CP-110	01/11/95	<25	<1	<10	1	1	2	<1	1
CP-111	01/11/95	<25	<1	<10	<1	<1	1	<1	<1
CP-112	01/12/95	<25	<1	<10	<1	<1	1	<1	<1
CP-113	01/12/95	<25	<1	<10	<1	<1	1	<1	<1
CP-114	01/13/95	<25	<1	<10	<1	<1	<1	<1	<1
CP-115A	01/16/95	<25	<1	<10	<1	<1	1	<1	<1
CP-115B	01/16/95	<25	<1	<10	<1	<1	<1	<1	<1
CP-116	01/16/95	<120	<5	<50	<5	<5	(3) J	<5	<5
CP-117	01/16/95	<250	<10	<100	<10	<10	30	<10	<10
CP-118	01/10/95	<50	<2	<20	<2	<2	<2	<2	<2
CP-119	01/10/95	<50	<2	<20	<2	(1) J	2	<2	<2
CP-121	01/16/95	<25	<1	<10	<1	<1	1	<1	<1
CP-122B	01/10/95	<25	<1	<10	<1	<1	2	<1	<1
MW-39-3	01/12/95	<120	<5	<50	<5	(4) J	5	<5	(4) J
W-10	01/11/95	<50	<2	<20	<2	<2	(1) J	<2	<2

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() = Less than Detection Limit

For RCL 8270 LAUCK

SVOCs in Groundwater
Pier 91 Facility
1st Quarter 1995

SITE	DATE	Benzo(k)fluoranthene (ug/l)	Benzo(a)pyrene (ug/l)	Indeno(1,2,3-cd)pyrene (ug/l)	Dibenz(a,h)anthracene (ug/l)	Benzo(g,h,i)perylene (ug/l)
CP-103A	01/11/95	<2	<2	<2	<2	<2
CP-103B	01/11/95	<1	<1	<1	<1	<1
CP-104A	01/12/95	<1	<1	<1	<1	<1
CP-104B	01/12/95	<1	<1	<1	<1	<1
CP-105A	01/13/95	<1	<1	<1	<1	<1
CP-105B	01/13/95	<1	<1	<1	<1	<1
CP-106A	01/13/95	<1	<1	<1	<1	<1
CP-106B	01/13/95	<1	<1	<1	<1	<1
CP-107	01/12/95	<1	<1	<1	<1	<1
CP-108A	01/11/95	<1	<1	<1	<1	<1
CP-108B	01/11/95	<2	<2	<2	<2	<2
CP-109	01/10/95	<2	<2	<2	<2	<2
CP-110	01/11/95	1	1	1	<1	<1
CP-111	01/11/95	<1	<1	<1	<1	<1
CP-112	01/12/95	<1	<1	<1	<1	<1
CP-113	01/12/95	<1	<1	<1	<1	<1
CP-114	01/13/95	<1	<1	<1	<1	<1
CP-115A	01/16/95	<1	<1	<1	<1	<1
CP-115B	01/16/95	<1	<1	<1	<1	<1
CP-116	01/16/95	<5	<5	<5	<5	<5
CP-117	01/16/95	<10	<10	<10	<10	<10
CP-118	01/10/95	<2	<2	<2	<2	<2
CP-119	01/10/95	<2	<2	<2	<2	<2
CP-121	01/16/95	<1	<1	<1	<1	<1
CP-122B	01/10/95	<1	<1	<1	<1	<1
MW-39-3	01/12/95	(4) J	(2) J	(1) J	<5	(2) J
W-10	01/11/95	<2	<2	<2	<2	<2

Values represent total concentrations unless noted < = Not detected at indicated reporting limit --- = Not analyzed

() = Less than Detection Limit

For RCL 8270 LAUCK

PCBs in Groundwater
Pier 91 Facility
1st Quarter 1995

SITE	DATE	Aroclor 1016 (ug/l)	Aroclor 1221 (ug/l)	Aroclor 1232 (ug/l)	Aroclor 1242 (ug/l)	Aroclor 1248 (ug/l)	Aroclor 1254 (ug/l)	Aroclor 1260 (ug/l)
CP-104A	01/12/95	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
CP-106B	01/13/95	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
CP-108A	01/11/95	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
CP-110	01/11/95	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
CP-111	01/11/95	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
CP-112	01/12/95	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
CP-113	01/12/95	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
CP-114	01/13/95	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
CP-115A	01/16/95	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
CP-115B	01/16/95	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
CP-116	01/16/95	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
CP-117	01/16/95	<0.10	<0.10	<0.10	<0.10	1.8	2.3	1.9
CP-118	01/10/95	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
CP-119	01/10/95	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CP-121	01/16/95	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
CP-122B	01/10/95	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
MW-39-3	01/12/95	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	8.3
W-10	01/11/95	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
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TPH in Groundwater
Pier 91 Facility
1st Quarter 1995

SITE	DATE	TPH	TPH	TPH
		(as diesel) (mg/l)	(as gasoline) (mg/l)	(mg/l)
CP-103A	01/11/95	<1	9.5	<1
CP-103B	01/11/95	<1	1.0	<1
CP-104A	01/12/95	<1	3.5	<1
CP-104B	01/12/95	<1	1.0	<1
CP-105A	01/13/95	<1	1.0	<1
CP-105B	01/13/95	<1	1.0	<1
CP-106A	01/13/95	<1	1.2	<1
CP-106B	01/13/95	<1	<1	<1
CP-107	01/12/95	4.4	11	3.3
CP-108A	01/11/95	1.1	4.2	<1
CP-108B	01/11/95	<1	1.2	<1
CP-109	01/10/95	4.3	15	4.8
CP-110	01/11/95	4.1	13	3.3
CP-111	01/11/95	<1	1.0	<1
CP-112	01/12/95	<1	1.3	<1
CP-113	01/12/95	<1	2.2	<1
CP-114	01/13/95	<1	<1	<1
CP-115A	01/16/95	<1	6.1	<1
CP-115B	01/16/95	<1	<1	<1
CP-116	01/16/95	8.7	21	14
CP-117	01/16/95	51	210	82
CP-118	01/10/95	41	110	75
CP-119	01/10/95	18	45	16
CP-121	01/16/95	<1	1.0	<1
CP-122B	01/10/95	<1	<1	<1
MW-39-3	01/12/95	19	55	<1
W-10	01/11/95	<1.1	4.4	<1

Values represent total concentrations unless noted < =Not detected at indicated reporting limit ---=Not analyzed

Total Metals in Groundwater
Pier 91 Facility
1st Quarter 1995

SITE	DATE	Silver (mg/l)	Arsenic (mg/l)	Barium (mg/l)	Beryllium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Copper (mg/l)	Mercury (mg/l)
CP-103A	01/11/95	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-103B	01/11/95	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-104A	01/12/95	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-104B	01/12/95	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-105A	01/13/95	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-105B	01/13/95	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-106A	01/13/95	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-106B	01/13/95	<0.010	<0.010	<0.20	<0.005	<0.005	0.053	<0.025	<0.0002
CP-107	01/12/95	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-108A	01/11/95	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-108B	01/11/95	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-109	01/10/95	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-110	01/11/95	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-111	01/11/95	<0.010	<0.010	<0.20	<0.005	<0.005	0.021	<0.025	<0.0002
CP-112	01/12/95	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-113	01/12/95	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-114	01/13/95	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-115A	01/16/95	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-115B	01/16/95	<0.010	<0.010	<0.20	<0.005	<0.005	0.024	<0.025	<0.0002
CP-116	01/16/95	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-117	01/16/95	<0.010	<0.010	<0.20	<0.005	<0.005	0.029	<0.025	<0.0002
CP-118	01/10/95	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-119	01/10/95	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-121	01/16/95	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-122B	01/10/95	<0.010	<0.010	<0.20	<0.005	<0.005	0.051	<0.025	<0.0002
MW-39-3	01/12/95	<0.010	0.02	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
W-10	01/11/95	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002

Values represent total concentrations unless noted < = Not detected at indicated reporting limit --- = Not analyzed

Total Metals in Groundwater
Pier 91 Facility
1st Quarter 1995

SITE	DATE	Nickel (mg/l)	Lead (mg/l)	Selenium (mg/l)	Zinc (mg/l)
CP-103A	01/11/95	<0.040	<0.003	<0.005	<0.020
CP-103B	01/11/95	<0.040	<0.003	<0.005	<0.020
CP-104A	01/12/95	<0.040	<0.003	<0.005	<0.020
CP-104B	01/12/95	<0.040	<0.003	<0.005	<0.020
CP-105A	01/13/95	<0.040	<0.003	<0.005	<0.020
CP-105B	01/13/95	<0.040	<0.003	<0.005	<0.020
CP-106A	01/13/95	<0.040	<0.003	<0.005	<0.020
CP-106B	01/13/95	<0.040	<0.003	<0.005	<0.020
CP-107	01/12/95	<0.040	<0.003	<0.005	<0.020
CP-108A	01/11/95	<0.040	0.004	<0.005	<0.020
CP-108B	01/11/95	<0.040	<0.003	<0.005	<0.020
CP-109	01/10/95	<0.040	<0.003	<0.005	<0.020
CP-110	01/11/95	<0.040	<0.003	<0.005	<0.020
CP-111	01/11/95	<0.040	<0.003	<0.005	<0.020
CP-112	01/12/95	<0.040	<0.003	<0.005	<0.020
CP-113	01/12/95	<0.040	<0.003	<0.005	<0.020
CP-114	01/13/95	<0.040	<0.003	<0.005	<0.020
CP-115A	01/16/95	<0.040	<0.003	<0.005	<0.020
CP-115B	01/16/95	<0.040	<0.003	<0.005	<0.020
CP-116	01/16/95	<0.040	0.015	<0.005	<0.020
CP-117	01/16/95	<0.040	0.023	<0.005	<0.020
CP-118	01/10/95	<0.040	0.006	<0.005	<0.020
CP-119	01/10/95	<0.040	<0.003	<0.005	<0.020
CP-121	01/16/95	<0.040	<0.003	<0.005	<0.020
CP-122B	01/10/95	<0.040	<0.003	<0.005	<0.020
MW-39-3	01/12/95	<0.040	<0.003	<0.005	<0.020
W-10	01/11/95	<0.040	<0.003	<0.005	<0.020

Values represent total concentrations unless noted < =Not detected at indicated reporting limit --- =Not analyzed

Dissolved Metals in Groundwater
Pier 91 Facility
1st Quarter 1995

SITE	DATE	Dissolved Silver (mg/l)	Dissolved Arsenic (mg/l)	Dissolved Barium (mg/l)	Dissolved Beryllium (mg/l)	Dissolved Cadmium (mg/l)	Dissolved Chromium (mg/l)	Dissolved Copper (mg/l)	Dissolved Mercury (mg/l)
CP-103A	01/11/95	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-103B	01/11/95	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-104A	01/12/95	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-104B	01/12/95	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-105A	01/13/95	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-105B	01/13/95	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-106A	01/13/95	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-106B	01/13/95	<0.010	<0.010	<0.20	<0.005	<0.005	0.018	<0.025	<0.0002
CP-107	01/12/95	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-108A	01/11/95	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-108B	01/11/95	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-109	01/10/95	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-110	01/11/95	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-111	01/11/95	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-112	01/12/95	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-113	01/12/95	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-114	01/13/95	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-115A	01/16/95	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-115B	01/16/95	<0.010	<0.010	<0.20	<0.005	<0.005	0.011	<0.025	<0.0002
CP-116	01/16/95	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-117	01/16/95	<0.010	<0.010	<0.20	<0.005	<0.005	0.012	<0.025	<0.0002
CP-118	01/10/95	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-119	01/10/95	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-121	01/16/95	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-122B	01/10/95	<0.010	<0.010	<0.20	<0.005	<0.005	0.024	<0.025	<0.0002
MW-39-3	01/12/95	<0.010	0.019	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
W-10	01/11/95	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002

Values represent total concentrations unless noted < =Not detected at indicated reporting limit --- =Not analyzed

Dissolved Metals in Groundwater
Pier 91 Facility
1st Quarter 1995

SITE	DATE	Dissolved Nickel (mg/l)	Dissolved Lead (mg/l)	Dissolved Selenium (mg/l)	Dissolved Zinc (mg/l)
CP-103A	01/11/95	<0.040	<0.003	<0.005	<0.020
CP-103B	01/11/95	<0.040	<0.003	<0.005	<0.020
CP-104A	01/12/95	<0.040	<0.003	<0.005	<0.020
CP-104B	01/12/95	<0.040	<0.003	<0.005	<0.020
CP-105A	01/13/95	<0.040	<0.003	<0.005	<0.020
CP-105B	01/13/95	<0.040	<0.003	<0.005	<0.020
CP-106A	01/13/95	<0.040	<0.003	<0.005	<0.020
CP-106B	01/13/95	<0.040	<0.003	<0.005	<0.020
CP-107	01/12/95	<0.040	<0.003	<0.005	<0.020
CP-108A	01/11/95	<0.040	<0.003	<0.005	<0.020
CP-108B	01/11/95	<0.040	<0.003	<0.005	<0.020
CP-109	01/10/95	<0.040	<0.003	<0.005	<0.020
CP-110	01/11/95	<0.040	<0.003	<0.005	<0.020
CP-111	01/11/95	<0.040	<0.003	<0.005	<0.020
CP-112	01/12/95	<0.040	<0.003	<0.005	<0.020
CP-113	01/12/95	<0.040	<0.003	<0.005	<0.020
CP-114	01/13/95	<0.040	<0.003	<0.005	<0.020
CP-115A	01/16/95	<0.040	<0.003	<0.005	<0.020
CP-115B	01/16/95	<0.040	<0.003	<0.005	<0.020
CP-116	01/16/95	<0.040	<0.003	<0.005	<0.020
CP-117	01/16/95	<0.040	<0.003	<0.005	<0.020
CP-118	01/10/95	<0.040	<0.003	<0.005	<0.020
CP-119	01/10/95	<0.040	<0.003	<0.005	<0.020
CP-121	01/16/95	<0.040	<0.003	<0.005	<0.020
CP-122B	01/10/95	<0.040	<0.003	<0.005	<0.020
MW-39-3	01/12/95	<0.040	<0.003	<0.005	<0.020
W-10	01/11/95	<0.040	<0.003	<0.005	<0.020

Values represent total concentrations unless noted < = Not detected at indicated reporting limit --- = Not analyzed